

Amendments In the Claims

Please amend Claims 106, 118 and 119, as follows:

1-105 (Canceled)

106. (Currently Amended) A method in a computing system for browsing a database table, comprising:

~~accessing displaying contents of~~ a database table comprising a plurality of fields arranged into a plurality of rows and a plurality of columns, wherein each ~~[[a]]~~ row of the plurality of rows is associated with an attached file, and

a column of the plurality of columns comprises information about the attached files associated with the rows wherein the information comprises one of ~~a the~~ directory name of the associated attached file in ~~a the~~ filesystem relative to ~~a the~~ root directory of the filesystem and ~~a the~~ source file name;

copying each attached file referenced in the database table from a file server providing the file system to a local storage unit, if, for each attached file, a corresponding defer indication is set to not defer a copy and a same version of the file is not already stored in the local storage unit;

selecting a selected field of the plurality of fields, wherein

the selected field comprises a reference to ~~an a~~ selected attached file; and opening the selected attached file in response to said selecting if a copy of the selected attached file is stored in the local storage unit, wherein said opening is performed using the reference to the selected attached file.

107. (Previously Presented) The method of claim 106 wherein the database table whose contents are displayed is a relational database table.

108. (Previously Presented) The method of claim 106, further comprising constructing an index on the contents of a selected one of the columns of the database table whose contents are displayed.

109. (Previously Presented) The method of claim 106, further comprising joining the database table whose contents are displayed with a second database table.

110. (Previously Presented) The method of claim 106 wherein the database table whose contents are displayed corresponds to a business object.

111. (Previously Presented) The method of claim 106 wherein the database table whose contents are displayed corresponds to a database object, and the selected field is an attribute of the database object.

112. (Previously Presented) The method of claim 106 wherein the attached file is stored separately from the database table whose contents are displayed.

113. (Previously Presented) The method of claim 106 wherein the database table whose contents are displayed is stored in a database, and wherein the attached file is stored in a filesystem and not in the database.

114. (Previously Presented) The method of claim 106, further comprising, before opening the attached file, decompressing the attached file.

115. (Previously Presented) The method of claim 106 wherein a field in a second database table contains a reference to the same attached file as the selected field.

116. (Previously Presented) The method of claim 106, further comprising:
deleting the row of the database table containing the selected field; and
in response to deleting the row of the database table containing the selected field:
decrementing a reference count associated with the attached file, and

if the value of the decremented reference count is zero, deleting the attached file.

117. (Previously Presented) The method of claim 106 further comprising modifying the opened attached file in accordance with user input.

118. (Currently Amended) A computing system comprising:
 a database table comprising a plurality of fields arranged into a plurality of rows and a plurality of columns, wherein
each ~~[[a]]~~ row of the plurality of rows is associated with an attached file,
 and
 a column of the plurality of columns comprises information about the attached files associated with the rows wherein the information comprises one of a ~~the~~ directory name of the associated attached file in a ~~the~~ filesystem relative to a ~~the~~ root directory of the filesystem and a ~~the~~ source file name;
 a display device that displays contents of the database table;
a local storage device coupled to the computing system, wherein
the local storage device stores each attached file referenced in the
database table as copied from a file server providing the file
system, if, for each attached file, a corresponding defer
indication is set to not defer a copy;
 an input device via which the computing system receives user input selecting a selected field, wherein
 the selected field comprises a reference to a selected attached file; and
 an attachment opening subsystem that, in response to receiving the user input, uses the reference to the selected attached file to open the attached file, if
a copy of the selected attached file is stored in the local storage unit.

119. (Currently Amended) A computer-readable medium whose contents cause a computing system to browse a database table by:

~~accessing displaying contents of~~ a database table comprising a plurality of fields arranged into a plurality of rows and a plurality of columns, wherein each ~~[[a]]~~ row of the plurality of rows is associated with an attached file, and
 a column of the plurality of columns comprises information about the attached files associated with the rows wherein the information comprises one of ~~a the~~ directory name of the associated attached file in ~~a the~~ filesystem relative to ~~a the~~ root directory of the filesystem and ~~a the~~ source file name;

copying each attached file referenced in the database table from a file server providing the file system to a local storage unit, if, for each attached file, a corresponding defer indication is set to not defer a copy and a same version of the file is not already stored in the local storage unit;

selecting a selected field of the plurality of fields, wherein
 the selected field comprises a reference to ~~an~~ a selected attached file; and
 opening the selected attached file in response to said selecting if a copy of the selected attached file is stored in the local storage unit, wherein said opening is performed using the reference to the selected attached file.

120. (Previously Presented) The computer-readable medium of claim 119 wherein the database table whose contents are displayed is a relational database table.

121. (Previously Presented) A computer-readable medium of claim 119 wherein the contents of the computer-readable medium further cause the computing system to construct an index on the contents of a selected one of the columns of the database table whose contents are displayed.

122. (Previously Presented) The computer-readable medium of claim 119 wherein the contents of the computer-readable medium further cause the computing system to join the database table whose contents are displayed with a second database table.

123. (Previously Presented) The computer-readable medium of claim 119 wherein the database table whose contents are displayed corresponds to a business object.

124. (Previously Presented) The computer-readable medium of claim 119 wherein the database table whose contents are displayed corresponds to a database object, and the selected field is an attribute of the database object.

125. (Previously Presented) The computer-readable medium of claim 119 wherein the attached object is stored separately from the database table whose contents are displayed.

126. (Previously Presented) The computer-readable medium of claim 119 wherein the database table whose contents are displayed is stored in a database, and wherein the attached object is stored in a file system and not in the database.

127. (Previously Presented) The computer-readable medium of claim 119 wherein the contents of the computer-readable medium further cause the computing system to decompress the attached object before activating the attached object.

128. (Previously Presented) The computer-readable medium of claim 119 wherein a field in a second database table contains a reference to the same attached object as the selected field.

129. (Previously Presented) The computer-readable medium of claim 119 wherein the contents of the computer-readable medium further cause the computing system to:

- delete the row of the database table containing the selected field
- decrement a reference count associated with the attached object; and
- delete the attached object if the value of the decremented reference count is zero.

130. (Canceled)